

06/21/00  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C. A Box sep.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL  
(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))

Attorney Docket No.

2631.1002-00

First Named Inventor or  
Application Identifier

Raymond J. Dattwyler

Express Mail Label No.

EL387775380US

Title of  
Invention

Groups of Borrelia Burgdorferi And Borrelia Afzelii That Cause Lyme Disease In Humans

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

[Total Pages | 55 |]

2. ☒ Specification  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to microfiche Appendix
- Background of the Invention
- Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets | 8 | ]  
☐ Formal ☒ Informal

4. ☐ Oath or Declaration/POA [Total Pages | | ]

a. ☐ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[NOTE Box 5 below]

i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 C.F.R. 1.63(d)(2)  
and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☒ Computer Readable Copy

b. ☒ Paper Copy (identical to computer copy)  
[ 102 | Pages

c. ☒ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & documents)

9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure  
Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14. ☐ Small Entity  
Statement(s) ☐ Statement filed in prior application,  
status still proper and desired

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:  
Prior application information: Examiner: Group Art Unit:

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*Sandra A. Brockman*

Submitted by  
Typed or Printed Name

Sandra A. Brockman

Reg. Number

44,045